

# TECHNICIAN'S CHECKLIST

## SECTION 400

### SUPERSTRUCTURE

PROJECT: \_\_\_\_\_  
 REVIEW DATE: \_\_\_\_\_

TECHNICIAN: \_\_\_\_\_  
 REVIEWER: \_\_\_\_\_

ACTION	YES	NO	N/A	COMMENTS
Ensure all operations are performed safely in respect to crane safety and fall protection.				
When working over or adjacent to a travelway or navigable waterway, ensure all operations are performed in accordance with the approved protection of traffic plan.				
Mark or check marks at the 10th points on girders.				
Check for calibration of tension indicating devices.				
Observe bolting of connections to ensure proper bolting procedures.				
Check DTI's for proper compression.				
Ensure bearings are set properly taking into to account any temperature or end rotation. Corrections may be shown on the plans for port bearings.				
Ensure grout and any coatings have been removed from bearing plates and girders prior to welding. Check for welder certification, weld sizes, and use of temperature pens when welding girders to bearing plates.				
Notify M&T to come inspect metal Stay In Place (SIP) forms when they are delivered to the project.				
Calculate, set, and check buildups as needed.				
Check for "no weld zones" on the top flange of continuous steel bridges.				
Check grade and alignment of overhangs.				
Ensure overhangs are constructed in accordance with approved drawings.				
Ensure all prestressed members are stamped "Approved."				
Check rebar and supports for size, location, and spacing.				
Check utility hanger deck insert locations.				
Check deck drain locations.				
Check location and elevation of headers and deck thickness at header location.				
Observe screed dry run.				
Ensure Contractor follows deck pouring sequence.				
Ensure Contractor has made adequate preparations in advance of deck pours.				
Check for adequate water supply, test source if not obtained from a municipal supply.				
Ensure Contractor has adequate supply of curing materials and insulation if needed.				
Wet prestressed concrete deck panels, concrete girders, and concrete headers a minimum of 2 hours prior to pour. Wood headers, diaphragm forms, and overhang falsework should also be wet prior and during the pour.				

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During deck pours, test concrete, observe placement, perform depth checks, observe straightedging, fogging, and curing.				
Perform camber checks during pour.				
Sound bottom of SIP forms after deck pouring is complete.				
Perform or check rolling straight edge on completed deck surface.				
Observe deck grooving. Ensure specified dimensions are obtained.				
Check for proper joint installation procedures. Observe watertight integrity test if applicable.				
Check barrier rail for steel size and location, alignment, construction joints, guardrail attachment, and cover plates.				
Check for adequate drainage and erosion control at the ends of the bridge.				
Ensure Contractor follows specifications for placing loads on structural members.				